

Helianthus deserticola Heiser (1961)DESERT SUNFLOWER

FAMILY: *Asteraceae*, the sunflower family.

SYNONYMS: *Helianthus anomalus* (?)

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2G3Q S2

USFWS/ESA: none. STATE OF NEVADA: none. BLM: none. USFS: none. NNNPS: watch list.

POPULATION CENSUS (NEVADA): 21 occurrences mapped; total estimated individuals 25,000+, total estimated area 77.3+ ha (191+ ac). **TREND:** unknown.

IMPACTS AND MAJOR THREATS (NEVADA): No summary available (see references).

INVENTORY EFFORT (NEVADA): Not yet systematically surveyed in Nevada. Most recent entered survey 2000, average year of last survey 1981. **Years since last entered survey** (percent of mapped records at various survey ages): 0-5 yrs: 14.3%; 11-20 yrs: 47.6%; 21-30 yrs: 28.6%; 51+ yrs or unknown: 9.5%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Bureau of Land Management, U. S. Department of Defense, Nevada state lands, Native American lands, U. S. Bureau of Reclamation, private lands.

RANGE: Churchill, Clark, Lyon (?), and Mineral counties, Nevada; also in AZ and UT. The western Nevada populations are disjunct from the remainder of the species, and therefore potentially distinct. Maximum Nevada range dimension 547.1 km (339.9 mi) excluding most disjunct record. **Type specimen** collected in Washington County, Utah.

ELEVATIONS RECORDED (NEVADA): 1345-4880 feet (410-1487 meters).

HABITAT (NEVADA): Dry, open, deep, loose sandy soils of aeolian deposits, vegetated dunes, and dune skirt areas, on flats and gentle slopes of all aspects, generally in alkaline areas, often thriving on road berms and other stabilized disturbances within such soils, with *Psoralea polydenia*, *Tetradymia tetrameres*, *T. glabrata*, *Sarcobatus baileyi*, *S. vermiculatus*, *Atriplex canescens*, *Achnatherum hymenoides*, *Eriogonum nummulare*, *Tiquilia nuttallii*, *Lupinus pusillus intermontanus*, *Abronia* spp., etc. Dependent on sand dunes or deep sand in Nevada.

PHENOLOGY: flowering late-spring to summer, Appears to flower opportunistically, beginning in late spring, and continuing as summer rains permit. Range of most frequent survey months: May-July.

LIFE-FORM AND HABIT: annual.

DESCRIPTION: An annual herb, usually about 4 dm tall, that produces showy flower heads with yellow rays surrounding a purplish disk. Blooms May-July.

PHOTOGRAPHS: Nevada Natural Heritage Program images web page (1998-present) and slide collection (1986-present).

ILLUSTRATIONS: Cronquist (1994), Welsh (1979).

OTHER GENERAL REFERENCES (listed separately): Welsh et al. (1993).

SPECIFIC REFERENCES:

Heiser, C. B. 1961. A new annual sunflower, *Helianthus deserticolus*, from the southwestern United States. *Proceedings of the Indiana Academy of Science* 70: 209-212.

Tiehm, A. 1989. Survey for *Oryctes nevadensis*, Churchill County, Nevada. Reno, Nevada: Environmental Management Associates. 8 pages.

OF FURTHER INTEREST: Synonymized under *H. anomalus* by Cronquist (1994). Considered distinct molecularly and morphologically from *H. anomalus* by a current expert on North American sunflowers, Loren Rieseberg. Plants from west-central Nevada may represent an unnamed taxon, and should be compared with the type material from Utah.

Nevada Natural Heritage Program
 Department of Conservation and Natural Resources
 901 South Stewart Street, Suite 5002 • Carson City, Nevada 89701-5245
 tel: (775) 684-2900 • fax: (775) 684-2715

NEVADA RARE PLANT ATLAS

INDEX TO MAPS AND FACT SHEETS

(8 August 2001)

This index lists all plant taxa on the Nevada Natural Heritage Program's at-risk and watch lists, **whether or not included in the current Nevada Rare Plant Atlas**. Atlas fact sheets and maps are available and linked for over 80% of these taxa. **PLEASE NOTE THAT INFORMATION FOR SOME SPECIES MAY BE INCOMPLETE OR OUT OF DATE**. Please read the atlas text sections for further information on the **sources and limitations of the data** represented on the maps and fact sheets, and for **general references** cited only in brief in the fact sheets. **Fact sheets** are saved in PDF format and require the free Adobe® Acrobat® Reader plug-in if not already installed on your system. **Images**, when available as links from our images page, are indicated with a link to that page, following which you must scroll manually to the species of interest. **Updated maps and fact sheets** will be generated and posted as time and resources permit, as the data comprising them are constantly being generated and updated.

Map Printing and Display: Due to storage limitations, the map images linked to this web page are **not** reproduced at their original printed resolution (600 dpi in 8.5x11 inch format). They are instead produced at 105 dpi (dots-per-inch) resolution, which results in grainy but acceptably readable output when printed or displayed. When you click on a map link, the **first image** that displays is **formatted for best printing results, even though** the screen display may appear degraded. **To best approximate an original printed version:** change the page set-up or format in your browser to eliminate all headers and footers and change all margins to their smallest possible value, then **print pages 1 to 1** of this version. Recent versions of MS Internet Explorer or Netscape browsers printing to laserjet printers should work well. If you wish to view the map in its **best display quality on your screen**, simply click anywhere in the first map image and you will receive a second image at maximum available resolution.

	<u>Scientific Name</u>	<u>Common Name</u>	<u>Family</u>
<u>image</u>	<i>Abronia nana ssp. covillei</i>	Coville abronia	Nyctaginaceae
	<i>Agastache cusickii</i>	Cusick hyssop	Lamiaceae
	<i>Agave utahensis var. eborispina</i>	ivory-spined agave	Agavaceae
<u>image</u>	<i>Agave utahensis var. nevadensis</i>	Clark Mountain agave	Agavaceae
<u>image map sheet</u>	<i>Angelica scabrida</i>	rough angelica	Apiaceae

	map sheet	<i>Antennaria arcuata</i>	meadow pussytoes	Asteraceae
image	map sheet	<i>Antennaria soliceps</i>	Charleston pussytoes	Asteraceae
image	map sheet	<i>Arabis bodiensis</i>	Bodie Hills rockcress	Brassicaceae
		<i>Arabis dispar</i>	pinyon rockcress	Brassicaceae
image	map sheet	<i>Arabis falcatoria</i>	Grouse Creek rockcress	Brassicaceae
image	map sheet	<i>Arabis falcifructa</i>	Elko rockcress	Brassicaceae
		<i>Arabis fernaldiana</i> var. <i>fernaldisiana</i>	Fernald rockcress	Brassicaceae
		<i>Arabis fernaldiana</i> var. <i>stylosa</i>	Fernald rockcress	Brassicaceae
image	map sheet	<i>Arabis ophira</i>	Ophir rockcress	Brassicaceae
image	map sheet	<i>Arabis pinzliae</i>	Pinzl rockcress	Brassicaceae
	map sheet	<i>Arabis rectissima</i> var. <i>simulans</i>	Washoe tall rockcress	Brassicaceae
	map sheet	<i>Arabis rigidissima</i> var. <i>demota</i>	Galena Creek rockcress	Brassicaceae
image	map sheet	<i>Arabis shockleyi</i>	Shockley rockcress	Brassicaceae
image	map sheet	<i>Arabis tiehmii</i>	Tiehm rockcress	Brassicaceae
image	map sheet	<i>Arctomecon californica</i>	Las Vegas bearpoppy	Papaveraceae
image	map sheet	<i>Arctomecon merriamii</i>	white bearpoppy	Papaveraceae
		<i>Arenaria congesta</i> var. <i>charlestonensis</i>	Mount Charleston sandwort	Caryophyllaceae
		<i>Arenaria congesta</i> var. <i>wheelerensis</i>	Mount Wheeler sandwort	Caryophyllaceae
image	map sheet	<i>Arenaria kingii</i> ssp. <i>rosea</i>	rosy King sandwort	Caryophyllaceae
image	map sheet	<i>Arenaria stenomeris</i>	Meadow Valley sandwort	Caryophyllaceae
	map sheet	<i>Artemisia packardiae</i>	Packard mugwort	Asteraceae
image	map sheet	<i>Artemisia papposa</i>	Owyhee sagebrush	Asteraceae
	map sheet	<i>Asclepias eastwoodiana</i>	Eastwood milkweed	Asclepiadaceae
	map sheet	<i>Aspicilia fruticulosa</i>	rim lichen	Hymeneliaceae
	map sheet	<i>Astragalus ackermanii</i>	Ackerman milkvetch	Fabaceae
image	map sheet	<i>Astragalus aequalis</i>	Clokey milkvetch	Fabaceae
	map sheet	<i>Astragalus amphioxys</i> var. <i>musimonum</i>	Sheep Mountain milkvetch	Fabaceae
	map sheet	<i>Astragalus anserinus</i>	Goose Creek milkvetch	Fabaceae
image	map sheet	<i>Astragalus beatleyae</i>	Beatley milkvetch	Fabaceae
	map sheet	<i>Astragalus callithrix</i>	Callaway milkvetch	Fabaceae
	map sheet	<i>Astragalus calycosus</i> var. <i>monophyllidius</i>	one-leaflet Torrey milkvetch	Fabaceae
	map sheet	<i>Astragalus cimae</i> var. <i>cimae</i>	Cima milkvetch	Fabaceae
	map sheet	<i>Astragalus convallarius</i> var. <i>finitimus</i>	Pine Valley milkvetch	Fabaceae
	map sheet	<i>Astragalus convallarius</i> var. <i>margaretiae</i>	Margaret rushy milkvetch	Fabaceae
	map sheet	<i>Astragalus diversifolius</i>	meadow milkvetch	Fabaceae
		<i>Astragalus ensiformis</i> var. <i>gracilior</i>	Veyo milkvetch	Fabaceae
	map sheet	<i>Astragalus eurylobus</i>	Needle Mountains milkvetch	Fabaceae
image	map sheet	<i>Astragalus funereus</i>	black woollypod	Fabaceae
image	map sheet	<i>Astragalus geyeri</i> var. <i>triquetrus</i>	threecorner milkvetch	Fabaceae
	map sheet	<i>Astragalus gilmanii</i>	Gilman milkvetch	Fabaceae
image		<i>Astragalus inyoensis</i>	Inyo milkvetch	Fabaceae
image		<i>Astragalus jejunus</i> var. <i>jejunus</i>	starveling milkvetch	Fabaceae
image	map sheet	<i>Astragalus johannis-howellii</i>	Long Valley milkvetch	Fabaceae
		<i>Astragalus lemmonii</i>	Lemmon milkvetch	Fabaceae

		<i>Astragalus lentiginosus</i> var. <i>kernensis</i>	Kern Plateau milkvetch	Fabaceae
	map sheet	<i>Astragalus lentiginosus</i> var. <i>latus</i>	broad-pod freckled milkvetch	Fabaceae
		<i>Astragalus lentiginosus</i> var. <i>scorpionis</i>	scorpion milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus lentiginosus</i> var. <i>sesquimetalis</i>	Sodaville milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus mohavensis</i> var. <i>hemigyus</i>	halfring milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus mohavensis</i> var. <i>mohavensis</i>	Mojave milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus mokiensis</i>	Mokiak milkvetch	Fabaceae
	map sheet	<i>Astragalus nyensis</i>	Nye milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus oophorus</i> var. <i>clokeyanus</i>	Clokey eggvetch	Fabaceae
	map sheet	<i>Astragalus oophorus</i> var. <i>lavinii</i>	Lavin eggvetch	Fabaceae
	map sheet	<i>Astragalus oophorus</i> var. <i>lonchocalyx</i>	long-calyx eggvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus phoenix</i>	Ash Meadows milkvetch	Fabaceae
	map sheet	<i>Astragalus porrectus</i>	Lahontan milkvetch	Fabaceae
	map sheet	<i>Astragalus pseudiodanthus</i>	Tonopah milkvetch	Fabaceae
	map sheet	<i>Astragalus pterocarpus</i>	winged milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus pulsiferae</i> var. <i>pulsiferae</i>	Pulsifer milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus pulsiferae</i> var. <i>suksdorfii</i>	Suksdorf milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus remotus</i>	Spring Mountains milkvetch	Fabaceae
	map sheet	<i>Astragalus robbinsii</i> var. <i>occidentalis</i>	Lamoille Canyon milkvetch	Fabaceae
	map sheet	<i>Astragalus serenoii</i> var. <i>sordescens</i>	squalid milkvetch	Fabaceae
	map sheet	<i>Astragalus solitarius</i>	lonesome milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus tiehmii</i>	Tiehm milkvetch	Fabaceae
	map sheet	<i>Astragalus toquimanus</i>	Toquima milkvetch	Fabaceae
	map sheet	<i>Astragalus uncialis</i>	Currant milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Astragalus yoder-williamsii</i>	Osgood Mountains milkvetch	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Botrychium ascendens</i>	upswept moonwort	Ophioglossaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Botrychium crenulatum</i>	dainty moonwort	Ophioglossaceae
<u>image</u>		<i>Calochortus leichtlinii</i>	Leichtlin mariposa lily	Liliaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Calochortus striatus</i>	alkali mariposa lily	Liliaceae
	map sheet	<i>Camissonia megalantha</i>	Cane Spring suncup	Onagraceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Camissonia nevadensis</i>	Nevada suncup	Onagraceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Castilleja martinii</i> var. <i>clokeyi</i>	Clokey paintbrush	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Castilleja salsuginosa</i>	Monte Neva paintbrush	Scrophulariaceae
	map sheet	<i>Caulanthus barnebyi</i>	Barneby stemflower	Brassicaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Centaurium namophilum</i>	spring-loving centaury	Gentianaceae
	map sheet	<i>Chrysothamnus eremobius</i>	remote rabbitbrush	Asteraceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Cirsium clokeyi</i>	Clokey thistle	Asteraceae
	map sheet	<i>Cirsium virginense</i>	Virgin River thistle	Asteraceae
	map sheet	<i>Collomia renacta</i>	Barren Valley collomia	Polemoniaceae
	map sheet	<i>Cordylanthus tecopensis</i>	Tecopa birdsbeak	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Crossidium seriatum</i>	seriate crossidium	Pottiaceae
	map sheet	<i>Cryptantha insolita</i>	unusual catseye	Boraginaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Cryptantha schoolcraftii</i>	Schoolcraft catseye	Boraginaceae
	map sheet	<i>Cryptantha tumulosa</i>	New York Mountains catseye	Boraginaceae

	map sheet	<i>Cryptantha welshii</i>	White River catseye	Boraginaceae
	map sheet	<i>Cusickiella quadricostata</i>	Bodie Hills draba	Brassicaceae
	map sheet	<i>Cymopterus basalticus</i>	intermountain wavewing	Apiaceae
image	map sheet	<i>Cymopterus cinerarius</i>	gray wavewing	Apiaceae
image	map sheet	<i>Cymopterus goodrichii</i>	Goodrich biscuitroot	Apiaceae
		<i>Cymopterus nivalis</i>	snow wavewing	Apiaceae
	map sheet	<i>Cymopterus ripleyi</i> var. <i>ripleyi</i>	Ripley biscuitroot	Apiaceae
	map sheet	<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>	sanicle biscuitroot	Apiaceae
image	map sheet	<i>Didymodon nevadensis</i>	Gold Butte moss	Pottiaceae
image	map sheet	<i>Draba arida</i>	desert whitlowgrass	Brassicaceae
	map sheet	<i>Draba asterophora</i> var. <i>asterophora</i>	Tahoe draba	Brassicaceae
	map sheet	<i>Draba brachystylis</i>	Wasatch draba	Brassicaceae
	map sheet	<i>Draba californica</i>	California draba	Brassicaceae
	map sheet	<i>Draba cusickii</i> var. <i>pedicellata</i>	stalked Cusick whitlowgrass	Brassicaceae
image	map sheet	<i>Draba jaegeri</i>	Jaeger whitlowgrass	Brassicaceae
	map sheet	<i>Draba oreibata</i> var. <i>serpentina</i>	Snake Range whitlowgrass	Brassicaceae
	map sheet	<i>Draba paucifructa</i>	Charleston draba	Brassicaceae
	map sheet	<i>Draba pennellii</i>	Pennell draba	Brassicaceae
		<i>Draba sphaeroides</i>	Elko whitlowgrass	Brassicaceae
	map sheet	<i>Draba subumbellata</i>	White Mountains cushion draba	Brassicaceae
	map sheet	<i>Dudleya pulverulenta</i>	chalk liveforever	Crassulaceae
	map sheet	<i>Elodea nevadensis</i>	Nevada waterweed	Hydrocharitaceae
image	map sheet	<i>Enceliopsis argophylla</i>	silverleaf sunray	Asteraceae
image	map sheet	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ash Meadows sunray	Asteraceae
	map sheet	<i>Entosthodon planiconvexus</i>	planoconvex entosthodon	Funariaceae
image		<i>Ephedra funerea</i>	Death Valley mormon tea	Ephedraceae
image	map sheet	<i>Epilobium nevadense</i>	Nevada willowherb	Onagraceae
	map sheet	<i>Ericameria cervina</i>	Antelope Canyon goldenbush	Asteraceae
	map sheet	<i>Ericameria compacta</i>	Charleston goldenbush	Asteraceae
	map sheet	<i>Ericameria watsonii</i>	Watson goldenbush	Asteraceae
	map sheet	<i>Erigeron latus</i>	broad fleabane	Asteraceae
image	map sheet	<i>Erigeron ovinus</i>	sheep fleabane	Asteraceae
image	map sheet	<i>Erigeron uncialis</i> var. <i>conjugans</i>	inch high fleabane	Asteraceae
	map sheet	<i>Erigeron uncialis</i> var. <i>uncialis</i>	limestone daisy	Asteraceae
image	map sheet	<i>Eriogonum ampullaceum</i>	Mono buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum anemophilum</i>	windloving buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum argophyllum</i>	Sulphur Springs buckwheat	Polygonaceae
	map sheet	<i>Eriogonum beatleyae</i>	Beatley buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum bifurcatum</i>	Pahrump Valley buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum concinnum</i>	Darin buckwheat	Polygonaceae
	map sheet	<i>Eriogonum contiguum</i>	Amargosa buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum corymbosum</i> var. (unnamed)	Las Vegas buckwheat	Polygonaceae
image	map sheet	<i>Eriogonum crosbyae</i>	Crosby buckwheat	Polygonaceae
	map sheet	<i>Eriogonum darrovii</i>	Darrow buckwheat	Polygonaceae

	map	sheet	<i>Eriogonum esmeraldense</i> var. <i>toiyabense</i>	Toiyabe buckwheat	Polygonaceae
	map	sheet	<i>Eriogonum heermannii</i> var. <i>clokeyi</i>	Clokey buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum holmgrenii</i>	Holmgren buckwheat	Polygonaceae
	map	sheet	<i>Eriogonum lemmonii</i>	Lemmon buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum lewisii</i>	Lewis buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i>	heavenly buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Steamboat buckwheat	Polygonaceae
	map	sheet	<i>Eriogonum phoeniceum</i>	scarlet buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum prociduum</i>	prostrate buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum robustum</i>	altered andesite buckwheat	Polygonaceae
image			<i>Eriogonum rubricaulum</i>	Lahontan Basin buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum</i> sp.	Churchill Narrows buckwheat	Polygonaceae
	map	sheet	<i>Eriogonum tiehmii</i>	Tiehm buckwheat	Polygonaceae
image	map	sheet	<i>Eriogonum viscidulum</i>	sticky buckwheat	Polygonaceae
			<i>Eustoma exaltatum</i>	catchfly gentian	Gentianaceae
			<i>Ferocactus cylindraceus</i> var. <i>lecontei</i>	Mojave barrel cactus	Cactaceae
image	map	sheet	<i>Frasera gypsicola</i>	Sunnyside green gentian	Gentianaceae
image	map	sheet	<i>Frasera pahutensis</i>	Pahute green gentian	Gentianaceae
	map	sheet	<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	Kingston Mountains bedstraw	Rubiaceae
image	map	sheet	<i>Gilia heterostyla</i>	Cochrane gilia	Polemoniaceae
image	map	sheet	<i>Gilia nyensis</i>	Nye gilia	Polemoniaceae
	map	sheet	<i>Gilia ripleyi</i>	Ripley gilia	Polemoniaceae
image	map	sheet	<i>Glossopetalon clokeyi</i>	Clokey greasebush	Crossosomataceae
image	map	sheet	<i>Glossopetalon pungens</i> var. <i>glabrum</i>	smooth dwarf greasebush	Crossosomataceae
	map	sheet	<i>Glossopetalon pungens</i> var. <i>pungens</i>	rough dwarf greasebush	Crossosomataceae
image	map	sheet	<i>Grimmia americana</i>	American grimmia	Grimmiaceae
image	map	sheet	<i>Grindelia fraxinoprattensis</i>	Ash Meadows gumplant	Asteraceae
image	map	sheet	<i>Hackelia cusickii</i>	Cusick stickseed	Boraginaceae
	map	sheet	<i>Hackelia ophiobia</i>	rattlesnake stickseed	Boraginaceae
			<i>Hackelia sharsmithii</i>	Sierran forget-me-not	Boraginaceae
image	map	sheet	<i>Helianthus deserticola</i>	desert sunflower	Asteraceae
	map	sheet	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>	Inyo hulsea	Asteraceae
	map	sheet	<i>Ionactis caelestis</i>	Red Rock Canyon aster	Asteraceae
	map	sheet	<i>Ipomopsis congesta</i> var. <i>nevadensis</i>	Toiyabe gilia	Polemoniaceae
image	map	sheet	<i>Ivesia aperta</i> var. <i>aperta</i>	Sierra Valley ivesia	Rosaceae
	map	sheet	<i>Ivesia arizonica</i> var. <i>saxosa</i>	rock purpusia	Rosaceae
image	map	sheet	<i>Ivesia cryptocaulis</i>	hidden ivesia	Rosaceae
image	map	sheet	<i>Ivesia jaegeri</i>	Jaeger ivesia	Rosaceae
	map	sheet	<i>Ivesia kingii</i> var. <i>eremica</i>	Ash Meadows ivesia	Rosaceae
image	map	sheet	<i>Ivesia pityocharis</i>	Pine Nut Mountains ivesia	Rosaceae
image	map	sheet	<i>Ivesia rhypara</i> var. <i>rhypara</i>	grimy ivesia	Rosaceae
image	map	sheet	<i>Ivesia webberi</i>	Webber ivesia	Rosaceae
	map	sheet	<i>Jamesia tetrapetala</i>	waxflower	Hydrangeaceae
image	map	sheet	<i>Lathyrus grimesii</i>	Grimes vetchling	Fabaceae

	<u>map</u> <u>sheet</u>	<i>Lathyrus hitchcockianus</i>	Bullfrog Hills sweetpea	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Lepidium davisii</i>	Davis peppergrass	Brassicaceae
	<u>map</u> <u>sheet</u>	<i>Lepidium montanum</i> var. <i>nevadense</i>	Pueblo Valley peppergrass	Brassicaceae
		<i>Lepidium nanum</i>	dwarf peppergrass	Brassicaceae
	<u>map</u> <u>sheet</u>	<i>Leptodactylon glabrum</i>	Bruneau River prickly phlox	Polemoniaceae
	<u>map</u> <u>sheet</u>	<i>Lesquerella goodrichii</i>	Goodrich bladderpod	Brassicaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Lesquerella hitchcockii</i>	Hitchcock bladderpod	Brassicaceae
		<i>Lesquerella pendula</i>	hanging bladderpod	Brassicaceae
	<u>map</u> <u>sheet</u>	<i>Lewisia maguirei</i>	Maguire bitterroot	Portulacaceae
		<i>Linanthus arenicola</i>	dune linanthus	Polemoniaceae
		<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i>	Inyo Mountain parsley	Apiaceae
	<u>map</u> <u>sheet</u>	<i>Lomatium graveolens</i> var. <i>alpinum</i>	Clark parsley	Apiaceae
	<u>map</u> <u>sheet</u>	<i>Lomatium packardiae</i>	Succor Creek parsley	Apiaceae
	<u>map</u> <u>sheet</u>	<i>Lomatium roseanum</i>	adobe parsley	Apiaceae
		<i>Lotus argyraeus</i> var. <i>multicaulis</i>	scrub lotus	Fabaceae
<u>image</u>		<i>Lupinus holmgrenianus</i>	Holmgren lupine	Fabaceae
<u>image</u>		<i>Lupinus malacophyllus</i>	soft lupine	Fabaceae
	<u>map</u> <u>sheet</u>	<i>Machaeranthera grindelioides</i> var. <i>depressa</i>	rayless tansy aster	Asteraceae
	<u>map</u> <u>sheet</u>	<i>Mentzelia candelariae</i>	Candelaria blazing-star	Loasaceae
	<u>map</u> <u>sheet</u>	<i>Mentzelia leucophylla</i>	Ash Meadows blazingstar	Loasaceae
	<u>map</u> <u>sheet</u>	<i>Mentzelia mollis</i>	smooth stickleaf	Loasaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Mentzelia packardiae</i>	Packard stickleaf	Loasaceae
		<i>Mimulus angustifolius</i>	Mount Rose monkeyflower	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Mimulus ovatus</i>	Steamboat monkeyflower	Scrophulariaceae
		<i>Mirabilis pudica</i>	bashful four o'clock	Nyctaginaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Nitrophila mohavensis</i>	Amargosa niterwort	Chenopodiaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Opuntia pulchella</i>	sand cholla	Cactaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Opuntia whipplei</i> var. <i>multigeniculata</i>	Blue Diamond cholla	Cactaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Oryctes nevadensis</i>	oryctes	Solanaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Oxytheca watsonii</i>	Watson spinecup	Polygonaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Pedicularis semibarbata</i> var. <i>charlestonensis</i>	Charleston pinewood lousewort	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Pediomelum castoreum</i>	Beaver Dam breadroot	Fabaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon albomarginatus</i>	white-margined beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon arenarius</i>	Nevada dune beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon bicolor</i> ssp. <i>bicolor</i>	yellow twotone beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon bicolor</i> ssp. <i>roseus</i>	rosy twotone beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon concinnus</i>	Tunnel Springs beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon floribundus</i>	Cordelia beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i>	Death Valley beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon leiophyllus</i> var. <i>francisci-pennellii</i>	Pennell beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon leiophyllus</i> var. <i>keckii</i>	Charleston beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon moriahensis</i>	Mount Moriah beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon pahutensis</i>	Pahute Mesa beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon palmeri</i> var. <i>macranthus</i>	Lahontan beardtongue	Scrophulariaceae

	<u>map</u> <u>sheet</u>	<i>Penstemon patricus</i>	dad's penstemon	Scrophulariaceae
		<i>Penstemon procerus</i> var. <i>modestus</i>	small flower beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon pudicus</i>	bashful beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon rhizomatosus</i>	rhizome beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon rubicundus</i>	Wassuk beardtongue	Scrophulariaceae
<u>image</u>		<i>Penstemon sudans</i>	Susanville beardtongue	Scrophulariaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Penstemon thompsoniae</i> ssp. <i>jaegeri</i>	Jaeger beardtongue	Scrophulariaceae
	<u>map</u> <u>sheet</u>	<i>Penstemon tiehmii</i>	Tiehm beardtongue	Scrophulariaceae
		<i>Perideridia lemmonii</i>	tuni	Apiaceae
	<u>map</u> <u>sheet</u>	<i>Perityle intricata</i>	delicate rockdaisy	Asteraceae
	<u>map</u> <u>sheet</u>	<i>Phacelia anelsonii</i>	Aven Nelson phacelia	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia beatleyae</i>	Beatley scorpion plant	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia glaberrima</i>	Reese River phacelia	Hydrophyllaceae
		<i>Phacelia hastata</i> var. <i>charlestonensis</i>	Spring Mountains phacelia	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia inconspicua</i>	obscure scorpion plant	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia inundata</i>	playa phacelia	Hydrophyllaceae
		<i>Phacelia lutea</i> var. <i>calva</i>	yellow scorpion plant	Hydrophyllaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Phacelia minutissima</i>	least phacelia	Hydrophyllaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Phacelia monoensis</i>	Mono County phacelia	Hydrophyllaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Phacelia mustelina</i>	weasel phacelia	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia parishii</i>	Parish phacelia	Hydrophyllaceae
	<u>map</u> <u>sheet</u>	<i>Phacelia</i> sp.	overlooked phacelia	Hydrophyllaceae
		<i>Phacelia</i> sp.	talus phacelia	Hydrophyllaceae
		<i>Phlox gladiformis</i>	daggerleaf phlox	Polemoniaceae
		<i>Pilostyles thurberi</i>	Thurber pilostyles	Rafflesiaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Pinus washoensis</i>	Washoe pine	Pinaceae
	<u>map</u> <u>sheet</u>	<i>Plagiobothrys glomeratus</i>	altered andesite popcornflower	Boraginaceae
<u>image</u>		<i>Plagiobothrys salsus</i>	salt marsh allocarya	Boraginaceae
	<u>map</u> <u>sheet</u>	<i>Poa abbreviata</i> ssp. <i>marshii</i>	Marsh bluegrass	Poaceae
	<u>map</u> <u>sheet</u>	<i>Polemonium chartaceum</i>	White Mountain skypilot	Polemoniaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Polyctenium williamsiae</i>	Williams combleaf	Brassicaceae
		<i>Polygala heterorhyncha</i>	notch-beak milkwort	Polygalaceae
	<u>map</u> <u>sheet</u>	<i>Porophyllum pygmaeum</i>	pygmy poreleaf	Asteraceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Potentilla basaltica</i>	Soldier Meadow cinquefoil	Rosaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Potentilla cottamii</i>	Cottam cinquefoil	Rosaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Primula capillaris</i>	Ruby Mountains primrose	Primulaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Primula cusickiana</i> var. <i>nevadensis</i>	Nevada primrose	Primulaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Psoralea kingii</i>	Lahontan indigobush	Fabaceae
<u>image</u>		<i>Ranunculus triternatus</i>	obscure buttercup	Ranunculaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Rorippa subumbellata</i>	Tahoe yellowcress	Brassicaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Salvia dorrii</i> var. <i>clokeyi</i>	Clokey mountain sage	Lamiaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Salvia funerea</i>	Death Valley sage	Lamiaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Sclerocactus blainei</i>	Blaine pincushion	Cactaceae
<u>image</u>	<u>map</u> <u>sheet</u>	<i>Sclerocactus nyensis</i>	Tonopah fishhook cactus	Cactaceae

image	map	sheet	<i>Sclerocactus polyancistrus</i>	hermit cactus	Cactaceae
image	map	sheet	<i>Sclerocactus schlesseri</i>	Schlesser pincushion	Cactaceae
image	map	sheet	<i>Scutellaria holmgreniorum</i>	Ravendale skullcap	Lamiaceae
	map	sheet	<i>Selaginella utahensis</i>	Utah spikemoss	Selaginellaceae
			<i>Senecio pattersonensis</i>	Mono ragwort	Asteraceae
image	map	sheet	<i>Silene clokeyi</i>	Clokey catchfly	Caryophyllaceae
	map	sheet	<i>Silene nachlingerae</i>	Nachlinger catchfly	Caryophyllaceae
			<i>Silene nuda</i> ssp. <i>nuda</i>	naked catchfly	Caryophyllaceae
	map	sheet	<i>Smelowskia holmgrenii</i>	Holmgren smelowskia	Brassicaceae
image	map	sheet	<i>Sphaeralcea caespitosa</i>	Jones globemallow	Malvaceae
image			<i>Sphaeromeria argentea</i>	chickensage	Asteraceae
image	map	sheet	<i>Sphaeromeria compacta</i>	Charleston tansy	Asteraceae
image	map	sheet	<i>Spiranthes diluvialis</i>	Ute lady's tresses	Orchidaceae
	map	sheet	<i>Spiranthes infernalis</i>	Ash Meadows lady's tresses	Orchidaceae
image	map	sheet	<i>Streptanthus oliganthus</i>	Masonic Mountain jewelflower	Brassicaceae
image	map	sheet	<i>Stroganowia tiehmii</i>	Tiehm stroganowia	Brassicaceae
image	map	sheet	<i>Synthyris ranunculina</i>	Charleston kittentails	Scrophulariaceae
	map	sheet	<i>Tonestus alpinus</i>	alpine tonestus	Asteraceae
			<i>Tonestus eximius</i>	Tahoe tonestus	Asteraceae
	map	sheet	<i>Tonestus graniticus</i>	Lone Mountain tonestus	Asteraceae
image	map	sheet	<i>Townsendia jonesii</i> var. <i>tumulosa</i>	Charleston grounddaisy	Asteraceae
	map	sheet	<i>Trichostomum sweetii</i>	Sweet trichostomum	Pottiaceae
	map	sheet	<i>Trifolium andinum</i> var. <i>podocephalum</i>	Currant Summit clover	Fabaceae
	map	sheet	<i>Trifolium leibergii</i>	Leiberg clover	Fabaceae
image			<i>Trifolium lemmonii</i>	Lemmon clover	Fabaceae
image	map	sheet	<i>Trifolium rollinsii</i>	Rollins clover	Fabaceae
image	map	sheet	<i>Viola lithion</i>	rock violet	Violaceae
image	map	sheet	<i>Viola purpurea</i> var. <i>charlestonensis</i>	Charleston violet	Violaceae

[Return to Nevada Natural Heritage Program home page](#)

[Home Pages](#)
 [About Us](#)
 [Data Services](#)
 [Publications Reports & Data](#)
 [Forms](#)
 [Contact Us](#)

[\(view in Chinese; vue en Français; Ansicht auf Deutsch; vista in Italiano; view in Japanese; view in Korean; vista no Português; visión en Español\)](#)
[view text-version site map in English](#)

Search

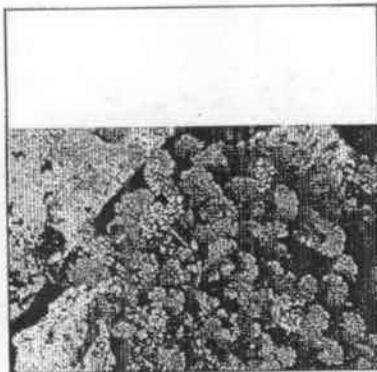
[Data Services](#)
[On-line Data & Downloads](#)
[Forms](#)

[What's New](#)
[Coming Events](#)

[Special Program Areas](#)
 - Ecology Program
 - GIS Program
 - Nevada Rare Plant Atlas
 - Nevada Wildflower Reports
 - Great Basin Precipitation Watch
 - Mosses of Nevada
[Hosted Web Pages](#)

[Photos & Images](#)

[Recommended Readings](#)
[Nevada Laws Regs & Guidelines](#)
[External Links](#)
[Site Map \(English text\)](#)



Glenn H. Clemmer – Administrator

Nevada Natural Heritage Program
 Richard H. Bryan Building
 901 South Stewart Street, suite 5002
 Carson City, Nevada 89701-5245, U.S.A.
 tel: (775) 684-2900 fax: (775) 684-2715



Our mission is to help coordinate the resource needs of Nevada's diverse biological heritage with human activities. We do this by maintaining an inventory and current databases on the locations, biology, conservation, and management status of all threatened, endangered, sensitive, and at-risk species, biological communities, and noxious weeds in the state.

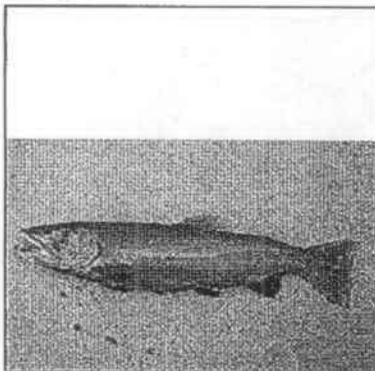
We use the best available biological data to continually evaluate conservation priorities for over 700 kinds of native animals, plants, vegetation types, and their habitats - those at greatest risk of extinction or serious decline. In partnership with the Nevada Department of Agriculture we also maintain the Nevada State Weed Map. We supply information and technical services to meet diverse conservation, planning, development, land management, and research needs.

The Program provides the citizens of Nevada with a cost-effective "early warning system," designed to minimize future resource conflicts, and to help prevent species from becoming threatened or endangered. We encourage proactive conservation measures now, **before** more costly and burdensome actions become necessary.

The Nevada Natural Heritage Program is a contributing member of NatureServe, a network connecting science with conservation, consisting of natural heritage programs and conservation data centers found across the United States, Canada, and Latin America. We are also part of the National Biological Information Infrastructure.

The Nevada Natural Heritage Program: providing biological information for balanced land-use decisions, charting Nevada's biological health since 1986.

Charleston kittentails by Jan Nachlinger - click to enlarge



Lahontan cutthroat trout by Glenn Clemmer - click to enlarge

[more images](#)



[Webmaster](#)

site last updated 23 Apr 2007

now in Carson City / Reno

[view text-version site map in English](#)
